**BRUHAT BANGALORE MAHANAGARA PALIKE**

# MEASUREMENT SHEET

## RA 1ST AND ~~FINAL~~ Part BILL

Name of work: onstruction of Marriage Community Hall in Jakkur in Ward no.07 Byatarayanapura Kodigehalli Sub division.

Estimated Cost : Rs. 200.00 Lakhs

Head of Account : P-3242

Name of Agency: Sri K. Shankar Reddy, # 48/2, Kaverinagar, Kaval Bairasandra, Bangalore - 32.

Work order No: EE(Project) Ynk Zone/WO/49/2019-20 Dated: 25-07-2019.

Measurements Recarded on :

| Sl. No. | Description of Item | Unit | No. | L | B | D | Qty. | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KSRRB M200-12.3. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres complete as per specifications. i) Lime / Cement Concrete. I. By Manual Means :C. Prestressed / Reinforced cement concrete grade M20 & above. MORTH Specification | | | | | | | | Cum |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 01 is = | | | | | | 13.32 | 1230.69 | 16393.00 |
| 2 | Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m. | | | | | | | | Cum |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 02 is = | | | | | | 23.74 | 187.86 | 4460.00 |
| 3 | Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms). | | | | | | | | Cum |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 03 is = | | | | | | 63.00 | 66.23 | 4172.00 |
| 4 | Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m. | | | | | | | | Cum |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 04 is = | | | | | | 17.68 | 207.12 | 3662.00 |
| 5 | KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. | | | | | | | | Cum |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 05 is = | | | | | | 372.60 | 189.06 | 70444.00 |
| 6 | Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading | | | | | | | | Cum |
| | | | Qty Vide Item No.1+2+4+5 | | | | 427.34 | | |
| | | | Qty Vide Item No.3 x 0.15 | | | | 9.45 | | |
| | | | | | | | 436.79 | | |
| | | | | | | | 436.79 | 129.34 | 56494.00 |

K. Sankar Reddy

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

| Sl. No. | Description of Item | Unit | No. | L | B | D | Qty. | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 7 | KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. | Cum | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 06 is = | | | | | | 1171.49 | | |
| | Qty upto 125% | | | | | | 610.74 | 340.79 | 208133.00 |
| | Qty Above 125% | | | | | | 560.75 | 540.69 | 303193.00 |
| 8 | KSRB 2.8: Providing and Filling in foundation with granite/trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications. | Cum | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 07 is = | | | | | | 110.94 | | |
| | Qty upto 125% | | | | | | 48.63 | 2545.68 | 123784.00 |
| | Qty Above 125% | | | | | | 62.32 | 2925.00 | 182271.00 |
| 9 | KSRB 2.10: Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications. | Cum | | | | | | | |
| | Total Qty | | Qty Vide Item No.8 | | | | 110.94 | | |
| | Qty upto 125% | | | | | | 48.63 | 3734.22 | 181576.00 |
| | Qty Above 125% | | | | | | 62.32 | 3610.19 | 224969.00 |
| 10 | KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. | Cum | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 08 to 09 is = | | | | | | 172.06 | | |
| | Qty upto 125% | | | | | | 161.38 | 5860.84 | 945793.00 |
| | Qty Above 125% | | | | | | 10.69 | 6143.83 | 65647.00 |
| 11 | KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. | Cum | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 10 to 11 is = | | | | | | 219.25 | | |
| | Qty upto 125% | | | | | | 199.69 | 5041.99 | 1006822.00 |
| | Qty Above 125% | | | | | | 19.56 | 5534.50 | 108269.00 |
| 12 | KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. | Cum | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 12 is = | | | | | | 78.39 | 6027.02 | 472458.00 |
| 13 | KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints | | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 13 is = | | | | | | 166.71 | 118.01 | 19673.00 |
| 14 | KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. | Cum | | | | | | | |
| | Total Qty | | Qty Vide Item No.7 | | | | 1171.49 | | |
| | Qty upto 125% | | | | | | 610.74 | 152.93 | 93400.00 |
| | Qty Above 125% | | | | | | 560.75 | 242.04 | 135725.00 |

K. Sankar Reddy

Asst. Executive Engineer
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BBMP, Bangalore - 92

| Sl. No. | Description of Item | Unit | No. | L | B | D | Qty. | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 15 | Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and footing , Pedestal staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, bed blocks, anchor blocks, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. | Cum | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 14 is = | | | | | | 182.56 | | |
| | Qty upto 125% | | | | | | 117.44 | 7491.33 | 879763.00 |
| | Qty Above 125% | | | | | | 65.12 | 6998.81 | 455780.00 |
| 16 | KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in GF level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. | Cum | | | | | | | |
| | Column Pedstal | | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 15 is = | | | | | | 125.20 | 7667.14 | 959926.00 |
| 17 | KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in GF level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. | | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 15 is = | | | | | | 106.26 | 7722.89 | 820634.00 |
| 20 | KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. | ~~Sqm~~ MT | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 16 to 18 is = | | | | | | 62.00 | | |
| | | | | | | | 62.00 | 72982.95 | 4524943.00 |
| 22 | KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. | Sqm | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 19 is = | | | | | | 345.44 | | |
| | Qty upto 125% | | | | | | 253.60 | 278.17 | 70544.00 |
| | Qty Above 125% | | | | | | 91.84 | 310.68 | 28533.00 |
| 23 | KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. | Sqm | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 20 is = | | | | | | 337.40 | | |
| | Qty upto 125% | | | | | | 259.76 | 352.83 | 91652.00 |
| | Qty Above 125% | | | | | | 77.64 | 431.10 | 33470.00 |
| 24 | KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. | Sqm | | | | | | | |
| | Qty as per Premeasurement Recorded vide E-Bill Page No. 21 is = | | | | | | 281.01 | 440.74 | 123852.00 |

K. Sankar Reddy

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BBMP, Bangalore - 92

TEJUS CONSULTANTS

| | Description of Item | Unit | No. | L | B | D | Qty. | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | KSRB 5-14: Providing and constructing load bearing with solid concrete blocks having block density not less than 1800 kg/cum having a minimum avarage compressive strength of 4.00 Newton /sqmm conforming to I.S: 2185 (part-1): 2005 and constructed with CM 1:4 as per 2572:2005 including cost of materials, labour charges, scaffolding, curing hire charges of machinery etc., complete as per specifications KBS NO.5.4 - do - with solid concrete blocks of size 400 x 150 x 200 mm | | | | | | | | Sqm |
| a | GF - For Wall Portion | | | | | | | | |
| | Anganavadi Building | | 1 | 17.60 | | 3.00 | 52.80 | | |
| | | | 3 | 5.75 | | 3.00 | 51.75 | | |
| | | | 1 | 8.75 | | 3.00 | 26.25 | | |
| | | | 1 | 3.95 | | 3.00 | 11.85 | | |
| | Toilet Walls | | 1 | 5.15 | | 3.00 | 15.45 | | |
| | | | 4 | 1.45 | | 3.00 | 17.40 | | |
| | | | 1 | 4.35 | | 3.00 | 13.05 | | |
| | Stair Case | | | | | | | | |
| | | | 2 | 1.80 | | 3.00 | 10.80 | | |
| | | | 2 | 1.40 | | 3.00 | 8.40 | | |
| | | | | | | | 207.75 | | |
| | Deductions - Lintles | | | | | | | | |
| | MD | | 2 | 1.20 | | 2.10 | 5.04 | | |
| | D | | 3 | 0.75 | | 2.10 | 4.73 | | |
| | W | | 3 | 1.55 | | 1.35 | 6.28 | | |
| | V | | 1 | 1.20 | | 0.60 | 0.72 | | |
| | | | | | | | 16.76 | | |
| | | | | | | | 190.99 | 1128.34 | 215499.00 |
| 47 | KSRB 7.9 : Providing and fixing M.S. grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. | | | | | | | | Sqm |
| | For GF, FF | | | | | | | | |
| | W | | 3 | 1.55 | | 1.35 | 6.28 | | |
| | V | | 1 | 1.50 | | 0.60 | 0.90 | | |
| | | | | | | | 7.18 | | |
| | | | | at 21 kgs /sqm | | | 150.73 | | |
| | | | | | | say | 765 | 93.93 | 71856.00 |
| 48 | Providing and fixing 12.5mm to 25 mm expanded metal work of 14 gauge with Mathi or Nandi wood patties of 50 mm x 12 mm size, including two coats approved paint etc., complete. (Including cost of screws). (P.265/137.54PW, P & IWTD, SOUTH ZONE -SR 2016-17) | | | | | | | | Sqm |
| | For GF,FF | | | | | | | | |
| | W | | 3 | 1.55 | | 1.35 | 6.28 | | |
| | V | | 1 | 1.50 | | 0.60 | 0.90 | | |
| | | | | | | | 7.18 | 1386.03 | 9948.00 |
| | | | | | | | | | 12513738.00 |

Assistant Engineer
Project Sub Division
Yelahanka Zone

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone, BBMP

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BBMP, Bangalore - 92

K. Sankar Reddy

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 7.18 | 1386.03 | 9948.00 |

| Sl. No. | Description of Item | Unit | No. | L | B | D | Unit / Qty |
|---|---|---|---|---|---|---|---|
| | Measurements Recarded on : | | | | | | |
| 15 | KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and footing , Pedestal staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, bed blocks, anchor blocks, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. | | | | | | Cum |
| | **GF** | | | | | | |
| | **Up to Plinth Level** | | | | | | |
| | For Columns 1 | | 6 | 3.50 | 3.50 | 0.75 | 55.13 |
| | Columns 2 | | 4 | 2.50 | 2.50 | 0.75 | 18.75 |
| | Columns 3 | | 2 | 4.50 | 3.50 | 0.75 | 23.63 |
| | For Common Footing 1 | | 1 | 25.20 | 4.50 | 0.75 | 85.05 |
| | Total Qty | | | | | | **182.56** |
| | Qty upto 125% | | | | | | **117.44** |
| | Qty Above 125% | | | | | | **65.12** |

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Project Division
Yelahanka Zone
BBMP, Bangalore - 92

| Description of Item | Unit | No. | L | B | D | Unit / Qty. |
|---|---|---|---|---|---|---|
| Measurements Recarded on : | | | | | | |
| ISRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in GF level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. | | | | | | Cum |
| Column Pedstal | | | | | | |
| For Columns 1 | | 6 | 1.50 | 1.50 | 1.00 | 13.50 |
| Columns 2 | | 4 | 1.00 | 1.00 | 1.00 | 4.00 |
| Columns 3 | | 2 | 2.50 | 1.50 | 1.00 | 7.50 |
| For Common Footing 1 | | 1 | 25.20 | 2.00 | 1.00 | 50.40 |
| For Common Footing 2 | | 1 | 20.40 | 2.00 | 1.00 | 40.80 |
| Lift Columns | | 4 | 1.50 | 1.50 | 1.00 | 9.00 |
| | | | | | | **125.20** |
| Plinth Beam | | | | | | |
| For Common Footing 2 | | 1 | 20.40 | 4.50 | 0.75 | 68.85 |
| Beams Towards N/S to S/S | | | | | | |
| L/W | | 1 | 23.70 | 0.30 | 0.45 | 3.20 |
| L/W | | 1 | 23.00 | 0.30 | 0.45 | 3.11 |
| L/W | | 1 | 6.00 | 0.30 | 0.45 | 0.81 |
| L/W | | 1 | 4.90 | 0.30 | 0.45 | 0.66 |
| L/W | | 4 | 22.60 | 0.30 | 0.45 | 12.20 |
| L/W | | 1 | 9.80 | 0.30 | 0.45 | 1.32 |
| L/W | | 1 | 4.15 | 0.30 | 0.45 | 0.56 |
| L/W | | 1 | 5.90 | 0.30 | 0.45 | 0.80 |
| Beams Towards E/S to W/S | | | | | | |
| S/W | | 1 | 28.60 | 0.30 | 0.45 | 3.86 |
| S/W | | 1 | 5.40 | 0.30 | 0.45 | 0.73 |
| S/W | | 1 | 4.10 | 0.30 | 0.45 | 0.55 |
| S/W | | 1 | 4.00 | 0.30 | 0.45 | 0.54 |
| S/W | | 1 | 4.00 | 0.30 | 0.45 | 0.54 |
| S/W | | 1 | 3.80 | 0.30 | 0.45 | 0.51 |
| S/W | | 1 | 3.80 | 0.30 | 0.45 | 0.51 |
| S/W | | 1 | 4.10 | 0.30 | 0.45 | 0.55 |
| S/W | | 1 | 4.00 | 0.30 | 0.45 | 0.54 |
| S/W | | 1 | 4.00 | 0.30 | 0.45 | 0.54 |
| S/W | | 1 | 4.10 | 0.30 | 0.45 | 0.55 |
| S/W | | 1 | 4.00 | 0.30 | 0.45 | 0.54 |
| S/W | | 1 | 4.00 | 0.30 | 0.45 | 0.54 |
| S/W | | 1 | 2.10 | 0.30 | 0.45 | 0.28 |
| S/W | | 1 | 1.40 | 0.30 | 0.45 | 0.19 |
| S/W | | 1 | 4.10 | 0.30 | 0.45 | 0.55 |
| S/W | | 1 | 4.00 | 0.30 | 0.45 | 0.54 |
| S/W | | 1 | 4.00 | 0.30 | 0.45 | 0.54 |
| S/W | | 1 | 1.90 | 0.30 | 0.45 | 0.26 |
| S/W | | 1 | 14.00 | 0.30 | 0.45 | 1.89 |
| Total Qty | | | | | | **106.26** |

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Executive Engin
Project Division
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BBMP, Bangalore

| Sl. No. | Description of Item | Unit | No. | L | B | D | Unit / Qty |
|---|---|---|---|---|---|---|---|
| | Measurements Recarded on : | | | | | | |
| 20 | KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. | | | | | | Tonne |
| | **Ground Floor** | | | | | | |
| | For Colums | | | | | | |
| | Columns Footing Mat | Nos | L | | Mtrs | Kg/M | Kgs |
| | 16mm | 6x2x74 | 3.70 | | 3285.60 | 1.58 | 5191.25 |
| | 16mm | 6x2x74 | 3.70 | | 3285.60 | 1.58 | 5191.25 |
| | 16mm | 4x2x54 | 2.70 | | 1166.40 | 1.58 | 1842.91 |
| | 16mm | 4x2x54 | 2.70 | | 583.20 | 1.58 | 921.46 |
| | 16mm | 2x2x94 | 4.70 | | 1767.20 | 1.58 | 2792.18 |
| | 16mm | 2x2x74 | 3.70 | | 1095.20 | 1.58 | 1730.42 |
| | Lift Column Footing | | | | | | |
| | 16mm | 2x2x45 | 3.70 | | 666.00 | 1.58 | 1052.28 |
| | 16mm | 2x2x45 | 3.70 | | 666.00 | 1.58 | 1052.28 |
| | Common Footing | | | | | | |
| | 16mm | 2x55 | 25.40 | | 2794.00 | 1.58 | 4414.52 |
| | 16mm | 2x258 | 4.70 | | 2425.20 | 1.58 | 3831.82 |
| | 16mm | 2x48 | 20.60 | | 1977.60 | 1.58 | 3124.61 |
| | 16mm | 2x226 | 4.70 | | 2124.40 | 1.58 | 3356.55 |
| | For Sump Footing | | | | | | |
| | 16mm | 2x35 | 3.70 | | 259.00 | 1.58 | 409.22 |
| | 16mm | 2x35 | 3.70 | | 259.00 | 1.58 | 409.22 |
| | For Sump Side Walls Double Matt | | | | | | |
| | 16mm Vertical | 2x2x35 | 3.50 | | 735.00 | 1.58 | 1161.30 |
| | 16mm | 2x2x35 | 3.50 | | 735.00 | 1.58 | 1161.30 |
| | 12mm Horizontal | 2x2x31 | 3.10 | | 576.60 | 0.89 | 513.17 |
| | 12 mm | 2x2x31 | 3.10 | | 576.60 | 0.89 | 513.17 |
| | For Sump Covering Slab | | | | | | |
| | 16mm | 18 | 3.80 | | 68.40 | 1.58 | 108.07 |
| | 16mm Crank | 18 | 3.50 | | 63.00 | 1.58 | 99.54 |
| | 12mm | 18 | 3.80 | | 68.40 | 0.89 | 60.88 |
| | 12mm Crank | 18 | 3.50 | | 63.00 | 0.89 | 56.07 |
| | For Lift Side Walls Double Matt | | | | | | |
| | 16mm Vertical | 2x2x18 | 3.00 | | 324.00 | 1.58 | 511.92 |
| | 16mm | 2x2x14 | 3.00 | | 252.00 | 1.58 | 398.16 |
| | 12mm Horizontal | 2x2x30 | 1.80 | | 324.00 | 0.89 | 288.36 |
| | 12 mm | 2x2x30 | 1.40 | | 252.00 | 0.89 | 224.28 |
| | Columns | | | | | | |
| | 20mm | 22 | 6 | 5.50 | 726.00 | 2.47 | 1793.22 |
| | 16mm | 12 | 6 | 5.50 | 396.00 | 1.58 | 625.68 |
| | 10mm Rings Alround | 50 | 6 | 2.30 | 300.00 | 0.62 | 186.00 |
| | 10mm Rings Middle | 50 | 6 | 1.80 | 300.00 | 0.62 | 186.00 |
| | 10mm Rings Middle | 50 | 6 | 1.40 | 300.00 | 0.62 | 186.00 |
| | 20mm | 18 | 19 | 5.50 | 1881.00 | 2.47 | 4646.07 |
| | 16mm | 12 | 19 | 5.50 | 1254.00 | 1.58 | 1981.32 |
| | 10mm Rings Alround | 50 | 19 | 2.00 | 950.00 | 0.62 | 589.00 |
| | 10mm Rings Middle | 50 | 19 | 1.80 | 950.00 | 0.62 | 589.00 |
| | 10mm Rings Middle | 50 | 19 | 1.20 | 950.00 | 0.62 | 589.00 |
| | Lift Column | | | | | | |
| | 20mm | 14 | 4 | 5.50 | 308.00 | 2.47 | 760.76 |
| | 16mm | 10 | 4 | 5.50 | 220.00 | 1.58 | 347.60 |
| | 10mm Rings Alround | 50 | 4 | 2.00 | 200.00 | 0.62 | 124.00 |

| Description of Item | Unit | No. | L | B | D | Unit / Qty. |
|---|---|---|---|---|---|---|
| Rings Middle | 50 | 4 | 1.80 | 200.00 | 0.62 | 124.00 |
| Rings Middle | 50 | 4 | 1.00 | 200.00 | 0.62 | 124.00 |
| Beam | | | | | | |
| Towards N/S to S/S | | | | | | |
| | 10 | 23.00 | | 230.00 | 1.58 | 363.40 |
| | 6 | 23.00 | | 138.00 | 0.89 | 122.82 |
| Ring | 230 | 1.70 | | 391.00 | 0.62 | 242.42 |
| | 10 | 23.60 | | 236.00 | 1.58 | 372.88 |
| | 6 | 23.60 | | 141.60 | 0.89 | 126.02 |
| Ring | 230 | 1.70 | | 391.00 | 0.62 | 242.42 |
| | 10 | 6.00 | | 60.00 | 1.58 | 94.80 |
| | 6 | 6.00 | | 36.00 | 0.89 | 32.04 |
| Ring | 60 | 1.70 | | 102.00 | 0.62 | 63.24 |
| | 10 | 4.90 | | 49.00 | 1.58 | 77.42 |
| | 6 | 4.90 | | 29.40 | 0.89 | 26.17 |
| Ring | 49 | 1.70 | | 83.30 | 0.62 | 51.65 |
| | 10 | 22.60 | | 226.00 | 1.58 | 357.08 |
| | 6 | 22.60 | | 135.60 | 0.89 | 120.68 |
| Ring | 226 | 1.70 | | 384.20 | 0.62 | 238.20 |
| | 10 | 22.60 | | 226.00 | 1.58 | 357.08 |
| | 6 | 22.60 | | 135.60 | 0.89 | 120.68 |
| Ring | 226 | 1.70 | | 384.20 | 0.62 | 238.20 |
| | 10 | 22.60 | | 226.00 | 1.58 | 357.08 |
| | 6 | 22.60 | | 135.60 | 0.89 | 120.68 |
| Ring | 226 | 1.70 | | 384.20 | 0.62 | 238.20 |
| | 10 | 15.55 | | 155.50 | 1.58 | 245.69 |
| | 6 | 15.55 | | 93.30 | 0.89 | 83.04 |
| Ring | 155 | 1.70 | | 263.50 | 0.62 | 163.37 |
| | 10 | 5.45 | | 54.50 | 1.58 | 86.11 |
| | 6 | 5.45 | | 32.70 | 0.89 | 29.10 |
| Ring | 56 | 1.70 | | 95.20 | 0.62 | 59.02 |
| | 10 | 9.80 | | 98.00 | 1.58 | 154.84 |
| | 6 | 9.80 | | 58.80 | 0.89 | 52.33 |
| Ring | 99 | 1.70 | | 168.30 | 0.62 | 104.35 |
| | 10 | 4.15 | | 41.50 | 1.58 | 65.57 |
| | 6 | 4.15 | | 24.90 | 0.89 | 22.16 |
| Ring | 42 | 1.70 | | 71.40 | 0.62 | 44.27 |
| | 10 | 5.90 | | 59.00 | 1.58 | 93.22 |
| | 6 | 5.90 | | 35.40 | 0.89 | 31.51 |
| Ring | 59 | 1.70 | | 100.30 | 0.62 | 62.19 |
| Beams Towards E/S to W/S | | | | | | |
| | 10 | 28.60 | | 286.00 | 1.58 | 451.88 |
| | 6 | 28.60 | | 171.60 | 0.89 | 152.72 |
| Ring | 286 | 1.70 | | 486.20 | 0.62 | 301.44 |
| | 10 | 5.40 | | 54.00 | 1.58 | 85.32 |
| | 6 | 5.40 | | 32.40 | 0.89 | 28.84 |
| Ring | 54 | 1.70 | | 91.80 | 0.62 | 56.92 |
| | 10 | 4.10 | | 41.00 | 1.58 | 64.78 |
| | 6 | 4.10 | | 24.60 | 0.89 | 21.89 |
| Ring | 41 | 1.70 | | 69.70 | 0.62 | 43.21 |
| | 10 | 4.00 | | 40.00 | 1.58 | 63.20 |
| | 6 | 4.00 | | 24.00 | 0.89 | 21.36 |
| Ring | 40 | 1.70 | | 68.00 | 0.62 | 42.16 |
| | 10 | 4.00 | | 40.00 | 1.58 | 63.20 |
| | 6 | 4.00 | | 24.00 | 0.89 | 21.36 |

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